

10/810,944

MS307029.01/MSFTP637US

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A system that test loads a server comprising:
a dynamic load adjustor component that dynamically adjusts user characteristics based at least in part on a browser type, for distribution thereof as a percentage of total requests sent to a server being load tested.
2. (Previously Presented) The system of claim 1, further comprising a profile characteristic data store that supplies the dynamic load adjustor component with weighting for a characteristic defined in a user profile.
3. (Original) The system of claim 2, the dynamic load adjustor component further comprises a weighting designator that randomly assigns to users characteristics based on weightings defined in the user profile.
4. (Currently amended) The system of claim 2, the characteristic [[is]] comprises at least one of: network connections, browser types, and load patterns.
5. (Currently amended) The system of claim 2, the characteristic [[is]] statistically determined based on web log records.
6. (Currently amended) The system of claim 2, the characteristic [[is]] predetermined in a single user profile.

10/810,944

MS307029.01/MSFTP637US

7. (Original) The system of claim 1, further comprising a load coordinator component that adjusts an intensity of a load test based on a current distribution of users entering and leaving the server relative to a desired test load.
8. (Original) The system of claim 1, further comprising an artificial intelligence component.
9. (Previously Presented) The system of claim 1, further comprising a closed loop control to enable a continual and sustained rate of requests to the server.
10. (Currently amended) A system that stresses a server, comprising:
an execution engine that generates a scenario that loads the server *via* a plurality of users, the plurality of users *[[is]]* dynamically adjusted based on predetermined weightings of a user profile having weighted characteristics that comprises at least a browser type therein, wherein the scenario distributes user characteristics as a percentage of total requests.
11. (Original) The system of claim 10, the scenario comprises at least one of a test mix and a load profile.
12. (Previously Presented) The system of claim 10, further comprising a control input that adjusts rate of requests loaded onto the server.
13. (Previously Presented) The system of claim 10, further comprising a queuing mechanism that retrieves and sorts requests to be sent to the server.
14. (Previously Presented) The system of claim 10, further comprising a scheduler that determines number of requests to be generated for an upcoming period.
15. (Currently amended) The system of claim 10, the requests *[[are]]* sorted according to a time function for execution.

10/810,944

MS307029.01/MSFTP637US

16. (Currently amended) A method for load testing a server comprising:
assigning weights to user characteristics in a user profile;
dynamically adjusting the user characteristics based on one or more browser types
during the testing of the server; and
distributing the user characteristics as a percentage of total requests sent to the server.
17. (Previously Presented) The method of claim 16, further comprising comparing a current load on the server with a desired load.
18. (Currently amended) The method of claim 17, further comprising creating a new user if the current load is less than falls below a desired load.
19. (Currently amended) The method of claim 17, further comprising reducing the current load by one upon ending an iteration, if the current load risers above ~~is not less than~~ the desired load.
20. (Previously Presented) The method of claim 16, further comprising controlling a rate of loading *via* a feedback loop control.
21. (Currently amended) A system for test loading a server comprising:
means for dynamically adjusting user characteristics while loading the server; and
means for distributing the user characteristics as a percentage of total requests sent to the server, each user characteristic including at least a browser type.